

ABSTRACT

A novel colorant compound is provided which is the addition product of an organic chromophore having at least one reactive hydroxyl or amine substituent, a mono or polyisocyanate, and/or an alcohol. In addition, colorants that provide the same toning characteristics for black offset ink compositions as this novel colorant are provided. Such a compound provides solubility in oil-based ink compositions, complete water resistance and excellent oil based ink compositions. Furthermore, such colorants provide an easy and efficient way to tone shades of oil based inks. In addition, such colorants provide a way to tone carbon black based lithographic inks that gives these inks a appearance of jet black on various types of printing substrates. A method for producing such a colorant is also provided, as well as offset ink compositions comprising such a colorant (including other colorants that provide the same toner performance within black pigment formulations).